

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|---------------------|
| L6 | 27 | 1 and lipase | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 18:24 |
| L4 | 1 | 1 and sayala.xp. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 18:15 |
| L3 | 0 | 1 and chaya.xp. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 18:13 |
| L2 | 0 | 1 and sayla.xp. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 18:13 |
| L1 | 122 | (US-20020028197-\$ or US-20020004089-\$ or US-20070141209-\$ or US-20090123597-\$ or US-20070166437-\$ or US-20070141211-\$ or US-20060110494-\$ or US-20060029712-\$ or US-20040009262-\$ or US-20090270346-\$ or US-20090074916-\$ or US-20030104020-\$ or US-20030108489-\$ or US-20050272922-\$ or US-20050281773-\$ or US-20060039934-\$ or US-20080195037-\$ or US-20090291912-\$ or US-20030203084-\$ or US-20020110620-\$ or US-20070082094-\$ or US-20050202149-\$ or US-20020187221-\$ or US-20030224090-\$ or US-20040009285-\$ or US-20030215545-\$).did. or (US-20030228333-\$ or US-20040037940-\$ or US-20040069158-\$ or US-20050089602-\$ or US-20050287259-\$ or US-20070140995-\$ or US-20100047320-\$ or US-20080305531-\$ or US-20060110521-\$ or US-20050129830-\$ or US-20030045473-\$ or US-20040258635-\$ or US-20060172402-\$ or US-20070077214-\$).did. or (US-4661359-\$ or US-3998974-\$ or US-5374441-\$ or US-7297359-\$ or US-7052729-\$ or US-7325613-\$ or US-7067116-\$ or US-4373096-\$ or US-6358889-\$ or US-6291404-\$ or US-4906488-\$ or US-6306835-\$ or US-6413920-\$ or US-6638918-\$ or US-4424346-\$ or US-7288532-\$ or US-5554445-\$ or US-5077052-\$ or US-5376388-\$ or US-5429832-\$ or US-5616339-\$ or US-5571527-\$ or US-5089307-\$ or US-5633025-\$ or US-5322935-\$ or US-7182971-\$).did. or (US-7160569-\$ or US-5008254-\$ or US-7008661-\$ or US-5888515-\$ or US-6346236-\$ or US-7744856-\$ or US-7410663-\$ or US-5545414-\$ or US-6755904-\$ or US-7163673-\$ or US-6472006-\$ or US-7226629-\$ or US-4915971-\$ or US-6723358-\$ or US-5489442-\$ or US-6846507-\$ or US-7351403-\$ or US-4672034-\$ or US-5846788-\$ or US-4533557-\$).did. or (US-2040880-\$ or US-2909435-\$ or US-3707383-\$ or US-2005184-\$).did. or (EP-328317-\$ or GB-2272447-\$ or FR-2817870-\$).did. or (JP-05168401-\$ or JP-08193002-\$ or JP-56032974-\$ or JP-10042803-\$ or JP-58150600-\$).did. or (WO-2004083256-\$ or CN-101214228-\$ or WO-0011038-\$ or JP-07039356-\$ or WO-2004056204-\$ or US-5008254-\$ or JP-07039355-\$ or WO-0052092-\$ or WO-02071870-\$ or WO-03000041-\$ or WO-2004017746-\$ or US-20070140995-\$ or WO-0040098-\$ or JP-59173048-\$ or JP-62236477-\$ or JP-06105660-\$ or EP-736258-\$ or EP-808580-\$ or EP-909824-\$ or US-5786470-\$ or US-6113972-\$ or EP-1090635-\$ or WO-9603546-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/07/12 18:13 |
| S313 | 37 | (chitosan and vanillin) and (S293 same S300) and S293 and S300 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:17 |
| S312 | 37 | (chitosan and vanillin) and (S293 same S300) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:16 |
| S311 | 2 | (chitosan near20 vanillin) and (S293 same S300) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:15 |
| S310 | 3 | (chitosan and ((cross\$1link\$5 or (cross near1 link\$4) or covalent\$2 or bond\$4) same S300 same S293)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:15 |
| S309 | 3 | (chitosan and (cross\$1link\$5 or (cross near1 link\$4) or covalent\$2 or bond\$4) same S300 same S293) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:14 |
| S308 | 1 | (chitosan same (cross\$1link\$5 or (cross near1 link\$4) or covalent\$2 or bond\$4) same (S300 same S293)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:14 |
| S307 | 1 | (chitosan same (cross\$1link\$5 or (cross near1 link\$4) or covalent\$2 or bond\$4) same (S300 near15 S293)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:14 |
| S306 | 422 | (chitosan same (cross\$1link\$5 or (cross near1 link\$4) or covalent\$2 or bond\$4) same S300) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:13 |
| S305 | 4 | (chitosan same vanillin same (cross\$1link\$5 or (cross near1 link\$4) or covalent\$2 or bond\$4) same S300) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:13 |
| S304 | 0 | (chitosan near20 vanillin near20 (cross\$1link\$5 or (cross near1 link\$4) or covalent\$2 or bond\$4) near20 S300) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:13 |
| S303 | 33 | (chitosan near15 (cross\$1link\$5 or (cross near1 link\$4)) near15 S300) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:12 |

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| S302 | 337 | (chitosan same (cross\$1link\$5 or (cross near1 link\$4)) same S300) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:11 |
| S301 | 2478 | (chitosan and (cross\$1link\$5 or (cross near1 link\$4)) same S300) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:11 |
| S300 | 1637073 | (acylglycerol\$1 or acyl\$1glycerol\$1 or glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 17:11 |
| S299 | 18 | S298 and (pectin and chitosan) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 16:32 |
| S298 | 70 | S295 and (soluble hydrophilic) and (fat lipid oil wax hydrophobic) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 16:32 |
| S297 | 10 | S295 and (edible near5 film) and (pectin and (lipid fat oil wax)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 16:31 |
| S296 | 21 | S295 and (hydrophilic and hydrophobic) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 16:25 |
| S295 | 122 | (US-20020028197-\$ or US-20020004089-\$ or US-20070141209-\$ or US-20090123597-\$ or US-20070166437-\$ or US-20070141211-\$ or US-20060110494-\$ or US-20060029712-\$ or US-20040009262-\$ or US-20090270346-\$ or US-20090074916-\$ or US-20030104020-\$ or US-20030108489-\$ or US-20050272922-\$ or US-20050281773-\$ or US-20060039934-\$ or US-20080195037-\$ or US-20090291912-\$ or US-20030203084-\$ or US-20020110620-\$ or US-20070082094-\$ or US-20050202149-\$ or US-20020187221-\$ or US-20030224090-\$ or US-20040009285-\$ or US-20030215545-\$).did. or (US-20030228333-\$ or US-20040037940-\$ or US-20040069158-\$ or US-20050089602-\$ or US-20050287259-\$ or US-20070140995-\$ or US-20100047320-\$ or US-20080305531-\$ or US-20060110521-\$ or US-20050129830-\$ or US-20030045473-\$ or US-20040258635-\$ or US-20060172402-\$ or US-20070077214-\$).did. or (US-4661359-\$ or US-3998974-\$ or US-5374441-\$ or US-7297359-\$ or US-7052729-\$ or US-7325613-\$ or US-7067116-\$ or US-4373096-\$ or US-6358889-\$ or US-6291404-\$ or US-4906488-\$ or US-6306835-\$ or US-6413920-\$ or US-6638918-\$ or US-4424346-\$ or US-7288532-\$ or US-5554445-\$ or US-5077052-\$ or US-5376388-\$ or US-5429832-\$ or US-5616339-\$ or US-5571527-\$ or US-5089307-\$ or US-5633025-\$ or US-5322935-\$ or US-7182971-\$).did. or (US-7160569-\$ or US-5008254-\$ or US-7008661-\$ or US-5888515-\$ or US-6346236-\$ or US-7744856-\$ or US-7410663-\$ or US-5545414-\$ or US-6755904-\$ or US-7163673-\$ or US-6472006-\$ or US-7226629-\$ or US-4915971-\$ or US-6723358-\$ or US-5489442-\$ or US-6846507-\$ or US-7351403-\$ or US-4672034-\$ or US-5846788-\$ or US-4533557-\$).did. or (US-2040880-\$ or US-2909435-\$ or US-3707383-\$ or US-2005184-\$).did. or (EP-328317-\$ or GB-2272447-\$ or FR-2817870-\$).did. or (JP-05168401-\$ or JP-08193002-\$ or JP-56032974-\$ or JP-10042803-\$ or JP-58150600-\$).did. or (WO-2004083256-\$ or CN-101214228-\$ or WO-0011038-\$ or JP-07039356-\$ or WO-2004056204-\$ or US-5008254-\$ or JP-07039355-\$ or WO-0052092-\$ or WO-02071870-\$ or WO-03000041-\$ or WO-2004017746-\$ or US-20070140995-\$ or WO-0040098-\$ or JP-59173048-\$ or JP-62236477-\$ or JP-06105660-\$ or EP-736258-\$ or EP-808580-\$ or EP-909824-\$ or US-5786470-\$ or US-6113972-\$ or EP-1090635-\$ or WO-9603546-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/07/12 16:25 |
| S294 | 68 | (pectin and (cross\$1link\$5 or (cross near1 link\$4)) same S293) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 16:08 |
| S293 | 4375 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) ferulyl\$4 feruloyl\$4 ferulat\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 16:08 |
| S292 | 9 | (chitosan and (cross\$1link\$5 or (cross near1 link\$4)) same S289) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 15:14 |
| S291 | 4 | (chitosan same (cross\$1link\$5 or (cross near1 link\$4)) same S289) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 15:13 |
| S290 | 3 | S287 and (chitosan same (cross\$1link\$5 or (cross near1 link\$4)) same S289) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 15:13 |
| S289 | 4375 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) ferulyl\$4 feruloyl\$4 ferulat\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 15:13 |
| S288 | 18 | S287 and (chitosan same (cross\$1link\$5 or (cross near1 link\$4))) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 15:11 |

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| S287 | 122 | (US-20020028197-\$ or US-20020004089-\$ or US-20070141209-\$ or US-20090123597-\$ or US-20070166437-\$ or US-20070141211-\$ or US-20060110494-\$ or US-20060029712-\$ or US-20040009262-\$ or US-20090270346-\$ or US-20090074916-\$ or US-20030104020-\$ or US-20030108489-\$ or US-20050272922-\$ or US-20050281773-\$ or US-20060039934-\$ or US-20080195037-\$ or US-20090291912-\$ or US-20030203084-\$ or US-20020110620-\$ or US-20070082094-\$ or US-20050202149-\$ or US-20020187221-\$ or US-20030224090-\$ or US-20040009285-\$ or US-20030215545-\$).did. or (US-20030228333-\$ or US-20040037940-\$ or US-20040069158-\$ or US-20050089602-\$ or US-20050287259-\$ or US-20070140995-\$ or US-20100047320-\$ or US-20080305531-\$ or US-20060110521-\$ or US-20050129830-\$ or US-20030045473-\$ or US-20040258635-\$ or US-20060172402-\$ or US-20070077214-\$).did. or (US-4661359-\$ or US-3998974-\$ or US-5374441-\$ or US-7297359-\$ or US-7052729-\$ or US-7325613-\$ or US-7067116-\$ or US-4373096-\$ or US-6358889-\$ or US-6291404-\$ or US-4906488-\$ or US-6306835-\$ or US-6413920-\$ or US-6638918-\$ or US-4424346-\$ or US-7288532-\$ or US-5554445-\$ or US-5077052-\$ or US-5376388-\$ or US-5429832-\$ or US-5616339-\$ or US-5571527-\$ or US-5089307-\$ or US-5633025-\$ or US-5322935-\$ or US-7182971-\$).did. or (US-7160569-\$ or US-5008254-\$ or US-7008661-\$ or US-5888515-\$ or US-6346236-\$ or US-7744856-\$ or US-7410663-\$ or US-5545414-\$ or US-6755904-\$ or US-7163673-\$ or US-6472006-\$ or US-7226629-\$ or US-4915971-\$ or US-6723358-\$ or US-5489442-\$ or US-6846507-\$ or US-7351403-\$ or US-4672034-\$ or US-5846788-\$ or US-4533557-\$).did. or (US-2040880-\$ or US-2909435-\$ or US-3707383-\$ or US-2005184-\$).did. or (EP-328317-\$ or GB-2272447-\$ or FR-2817870-\$).did. or (JP-05168401-\$ or JP-08193002-\$ or JP-56032974-\$ or JP-10042803-\$ or JP-58150600-\$).did. or (WO-2004083256-\$ or CN-101214228-\$ or WO-0011038-\$ or JP-07039356-\$ or WO-2004056204-\$ or US-5008254-\$ or JP-07039355-\$ or WO-0052092-\$ or WO-02071870-\$ or WO-03000041-\$ or WO-2004017746-\$ or US-20070140995-\$ or WO-0040098-\$ or JP-59173048-\$ or JP-62236477-\$ or JP-06105660-\$ or EP-736258-\$ or EP-808580-\$ or EP-909824-\$ or US-5786470-\$ or US-6113972-\$ or EP-1090635-\$ or WO-9603546-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/07/12 15:09 |
| S286 | 1 | "4533557".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 14:45 |
| S285 | 16 | S284 and (chitosan same (fat oil)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 13:17 |
| S284 | 121 | (US-20020028197-\$ or US-20020004089-\$ or US-20070141209-\$ or US-20090123597-\$ or US-20070166437-\$ or US-20070141211-\$ or US-20060110494-\$ or US-20060029712-\$ or US-20040009262-\$ or US-20090270346-\$ or US-20090074916-\$ or US-20030104020-\$ or US-20030108489-\$ or US-20050272922-\$ or US-20050281773-\$ or US-20060039934-\$ or US-20080195037-\$ or US-20090291912-\$ or US-20030203084-\$ or US-20020110620-\$ or US-20070082094-\$ or US-20050202149-\$ or US-20020187221-\$ or US-20030224090-\$ or US-20040009285-\$ or US-20030215545-\$).did. or (US-20030228333-\$ or US-20040037940-\$ or US-20040069158-\$ or US-20050089602-\$ or US-20050287259-\$ or US-20070140995-\$ or US-20100047320-\$ or US-20080305531-\$ or US-20060110521-\$ or US-20050129830-\$ or US-20030045473-\$ or US-20040258635-\$ or US-20060172402-\$ or US-20070077214-\$).did. or (US-4661359-\$ or US-3998974-\$ or US-5374441-\$ or US-7297359-\$ or US-7052729-\$ or US-7325613-\$ or US-7067116-\$ or US-4373096-\$ or US-6358889-\$ or US-6291404-\$ or US-4906488-\$ or US-6306835-\$ or US-6413920-\$ or US-6638918-\$ or US-4424346-\$ or US-7288532-\$ or US-5554445-\$ or US-5077052-\$ or US-5376388-\$ or US-5429832-\$ or US-5616339-\$ or US-5571527-\$ or US-5089307-\$ or US-5633025-\$ or US-5322935-\$ or US-7182971-\$).did. or (US-7160569-\$ or US-5008254-\$ or US-7008661-\$ or US-5888515-\$ or US-6346236-\$ or US-7744856-\$ or US-7410663-\$ or US-5545414-\$ or US-6755904-\$ or US-7163673-\$ or US-6472006-\$ or US-7226629-\$ or US-4915971-\$ or US-6723358-\$ or US-5489442-\$ or US-6846507-\$ or US-7351403-\$ or US-4672034-\$ or US-5846788-\$).did. or (US-2040880-\$ or US-2909435-\$ or US-3707383-\$ or US-2005184-\$).did. or (EP-328317-\$ or GB-2272447-\$ or FR-2817870-\$).did. or (JP-05168401-\$ or JP-08193002-\$ or JP-56032974-\$ or JP-10042803-\$ or JP-58150600-\$).did. or (WO-2004083256-\$ or CN-101214228-\$ or WO-0011038-\$ or JP-07039356-\$ or WO-2004056204-\$ or US-5008254-\$ or JP-07039355-\$ or WO-0052092-\$ or WO-02071870-\$ or WO-03000041-\$ or WO-2004017746-\$ or US-20070140995-\$ or WO-0040098-\$ or JP-59173048-\$ or JP-62236477-\$ or JP-06105660-\$ or EP-736258-\$ or EP-808580-\$ or EP-909824-\$ or US-5786470-\$ or US-6113972-\$ or EP-1090635-\$ or WO-9603546-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/07/12 13:16 |
| S283 | 1 | "10583421" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 12:55 |

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| S282 | 2 | "5846788".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/07/12 10:59 |
| S281 | 9 | S278 and (S279 same S280) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 10:48 |
| S280 | 4375 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) ferulyl\$4 feruloyl\$4 ferulat\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 10:48 |
| S279 | 1637073 | (acylglycerol\$1 or acyl\$1glycerol\$1 or glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 10:47 |
| S278 | 4691 | (S273 S274 S275 S276 S277) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/12 10:47 |
| S277 | 626 | (424/115,195.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/12 10:46 |
| S276 | 572 | (536/2).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/12 10:46 |
| S275 | 1608 | (435/274,275,101).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/12 10:45 |
| S274 | 1964 | (127/32,33,36,67,29).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/12 10:45 |
| S273 | 1367 | (435/101).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/12 10:43 |
| S272 | 2 | "4672034".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/07/12 10:40 |
| S270 | 8 | "9603546" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/07/12 10:39 |
| S269 | 13 | S268 and ((sugar near1 beet near1 pectin) or (beet near1 pectin)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/07/12 10:12 |
| S268 | 118 | (US-20020028197-\$ or US-20020004089-\$ or US-20070141209-\$ or US- 20090123597-\$ or US-20070166437-\$ or US-20070141211-\$ or US- 20060110494-\$ or US-20060029712-\$ or US-20040009262-\$ or US- 20090270346-\$ or US-20090074916-\$ or US-20030104020-\$ or US- 20030108489-\$ or US-20050272922-\$ or US-20050281773-\$ or US- 20060039934-\$ or US-20080195037-\$ or US-20090291912-\$ or US- 20030203084-\$ or US-20020110620-\$ or US-20070082094-\$ or US- 20050202149-\$ or US-20020187221-\$ or US-20030224090-\$ or US- 20040009285-\$ or US-20030215545-\$).did. or (US-20030228333-\$ or US- 20040037940-\$ or US-20040069158-\$ or US-20050089602-\$ or US- 20050287259-\$ or US-20070140995-\$ or US-20100047320-\$ or US- 20080305531-\$ or US-20060110521-\$ or US-20050129830-\$ or US- 20030045473-\$ or US-20040258635-\$ or US-20060172402-\$ or US- 20070077214-\$).did. or (US-4661359-\$ or US-3998974-\$ or US-5374441- \$ or US-7297359-\$ or US-7052729-\$ or US-7325613-\$ or US-7067116-\$ or US-4373096-\$ or US-6358889-\$ or US-6291404-\$ or US-4906488-\$ or US-6306835-\$ or US-6413920-\$ or US-6638918-\$ or US-4424346-\$ or US- 7288532-\$ or US-5554445-\$ or US-5077052-\$ or US-5376388-\$ or US- 5429832-\$ or US-5616339-\$ or US-5571527-\$ or US-5089307-\$ or US- 5633025-\$ or US-5322935-\$ or US-7182971-\$).did. or (US-7160569-\$ or US-5008254-\$ or US-7008661-\$ or US-5888515-\$ or US-6346236-\$ or US- 7744856-\$ or US-7410663-\$ or US-5545414-\$ or US-6755904-\$ or US- 7163673-\$ or US-6472006-\$ or US-7226629-\$ or US-4915971-\$ or US- 6723358-\$ or US-5489442-\$ or US-6846507-\$ or US-7351403-\$).did. or (US-2040880-\$ or US-2909435-\$ or US-3707383-\$ or US-2005184-\$).did. or (EP-328317-\$ or GB-2272447-\$ or FR-2817870-\$).did. or (JP- 05168401-\$ or JP-08193002-\$ or JP-56032974-\$ or JP-10042803-\$ or JP- 58150600-\$).did. or (WO-2004083256-\$ or CN-101214228-\$ or WO- 0011038-\$ or JP-07039356-\$ or WO-2004056204-\$ or US-5008254-\$ or JP-07039355-\$ or WO-0052092-\$ or WO-02071870-\$ or WO-03000041-\$ or WO-2004017746-\$ or US-20070140995-\$ or WO-0040098-\$ or JP- 59173048-\$ or JP-62236477-\$ or JP-06105660-\$ or EP-736258-\$ or EP- 808580-\$ or EP-909824-\$ or US-5786470-\$ or US-6113972-\$ or EP- 1090635-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/07/12 10:12 |
| S264 | 377 | (S235 near20 S236) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 10:29 |

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|------|--------|---|---|----|-----|------------------|
| S263 | 244 | S262 and (consume consuming consumed consumption comestible food \$7 edible eat pharmaceutical drug medicin\$2) | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/09 10:08 |
| S262 | 416 | S260 and S261 | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/09 10:07 |
| S261 | 990460 | (acylglycerol\$1 or acyl\$1glycerol\$1 or glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat) | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/09 10:07 |
| S260 | 1634 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) ferulyl\$4 feruloyl\$4 ferulat\$4 | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/09 10:07 |
| S259 | 30 | S255 and (S235 same S236) and (edible eat\$1 food\$7 comestible beverage\$1 drink\$1 nutrition\$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 09:23 |
| S258 | 30 | S255 and (S235 same S236) and (edible eat\$1 food\$7 comestible beverage\$1 drink\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 09:20 |
| S256 | 33 | S255 and (S235 same S236) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 09:10 |
| S255 | 110 | (US-20020028197-\$ or US-20020004089-\$ or US-20070141209-\$ or US-20090123597-\$ or US-20070166437-\$ or US-20070141211-\$ or US-20060110494-\$ or US-20060029712-\$ or US-20040009262-\$ or US-20090270346-\$ or US-20090074916-\$ or US-20030104020-\$ or US-20030108489-\$ or US-20050272922-\$ or US-20050281773-\$ or US-20060039934-\$ or US-20080195037-\$ or US-20090291912-\$ or US-20030203084-\$ or US-20020110620-\$ or US-20070082094-\$ or US-20050202149-\$ or US-20020187221-\$ or US-20030224090-\$ or US-20040009285-\$ or US-20030215545-\$).did. or (US-20030228333-\$ or US-20040037940-\$ or US-20040069158-\$ or US-20050089602-\$ or US-20050287259-\$ or US-20070140995-\$ or US-20100047320-\$ or US-20080305531-\$ or US-20060110521-\$ or US-20050129830-\$).did. or (US-4661359-\$ or US-3998974-\$ or US-5374441-\$ or US-7297359-\$ or US-7052729-\$ or US-7325613-\$ or US-7067116-\$ or US-4373096-\$ or US-6358889-\$ or US-6291404-\$ or US-4906488-\$ or US-6306835-\$ or US-6413920-\$ or US-6638918-\$ or US-4424346-\$ or US-7288532-\$ or US-5554445-\$ or US-5077052-\$ or US-5376388-\$ or US-5429832-\$ or US-5616339-\$ or US-5571527-\$ or US-5089307-\$ or US-5633025-\$ or US-5322935-\$ or US-7182971-\$).did. or (US-7160569-\$ or US-5008254-\$ or US-7008661-\$ or US-5888515-\$ or US-6346236-\$ or US-7744856-\$ or US-7410663-\$ or US-5545414-\$ or US-6755904-\$ or US-7163673-\$ or US-6472006-\$ or US-7226629-\$ or US-4915971-\$ or US-6723358-\$ or US-5489442-\$ or US-6846507-\$ or US-7351403-\$).did. or (US-2040880-\$ or US-2909435-\$ or US-3707383-\$ or US-2005184-\$).did. or (EP-328317-\$ or GB-2272447-\$ or FR-2817870-\$).did. or (JP-05168401-\$ or JP-08193002-\$ or JP-56032974-\$ or JP-10042803-\$).did. or (WO-2004083256-\$ or CN-101214228-\$ or WO-0011038-\$ or JP-07039356-\$ or WO-2004056204-\$ or US-5008254-\$ or JP-07039355-\$ or WO-0052092-\$ or WO-02071870-\$ or WO-03000041-\$ or WO-2004017746-\$ or US-20070140995-\$ or WO-0040098-\$ or JP-59173048-\$ or JP-62236477-\$ or JP-06105660-\$ or EP-736258-\$ or EP-808580-\$ or EP-909824-\$).did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/07/09 09:10 |
| S254 | 43 | S253 and (consume consuming consumed consumption comestible food \$7 edible eat pharmaceutical drug medicin\$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 08:19 |
| S253 | 47 | S251 and (S235 same S236) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 08:19 |
| S252 | 422 | S251 and (S235 and S236) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 08:19 |
| S251 | 4812 | (424/59,60).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/09 08:18 |
| S249 | 2 | S248 and (S235 and S236) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 08:15 |
| S248 | 5 | ("20040258743" "5676994" "5882713" "5989528" "6346236").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 08:15 |
| S247 | 7 | S245 and (S235 and S236) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 08:12 |
| S246 | 0 | S245 and (S235 same S236) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 08:12 |
| S245 | 1419 | (516/21,22,24,29,98,108).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/09 08:12 |
| S244 | 3 | S243 and (S235 same S236) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 08:08 |
| S243 | 1109 | (514/785,786).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/09 08:08 |

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|------|---------|---|--|----|----|---------------------|
| S242 | 1 | S241 and (pectin chitosan) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 07:43 |
| S241 | 2 | ("20020004089" "4661359").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 07:43 |
| S240 | 48 | S237 and ((esterif\$5) same S235 same S236) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 07:31 |
| S239 | 168 | S238 and "426".das. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 07:27 |
| S238 | 735 | S237 and (S235 same S236) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 07:26 |
| S237 | 3059 | S235 and S236 and (consume consuming consumed consumption comestible food\$7 edible eat pharmaceutical drug medicin\$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 07:24 |
| S236 | 1637073 | (acylglycerol\$1 or acyl\$1glycerol\$1 or glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 07:23 |
| S235 | 4375 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) ferulyl\$4 feruloyl\$4 ferulat\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/09 07:22 |
| S234 | 35 | S221 and (pectin) and S222 and (barrier film coating) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:48 |
| S233 | 2 | ("20020028197" "5928706").PN. OR ("7052729").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:43 |
| S232 | 2 | ("20020028197" "5928706").PN. OR ("7052729").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:43 |
| S231 | 1 | "10457789" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:42 |
| S230 | 15 | S226 not S225 and (barrier film coating) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:42 |
| S229 | 18 | S225 and (film barrier coating) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:36 |
| S228 | 10 | S225 and (film barrier coating) near20 (edible) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:36 |
| S227 | 18 | S226 not S225 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:35 |
| S226 | 39 | S221 and (chitosan) and S222 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:35 |
| S225 | 21 | S221 and (chitosan and pectin) and S222 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:30 |
| S224 | 46 | S223 and pectin and S222 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:26 |
| S223 | 64 | S221 and (chitosan pectin) and S222 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:25 |
| S222 | 1637073 | (acylglycerol\$1 or acyl\$1glycerol\$1 or glyceride\$1 or glycerides or diglycerides or triglycerides or fat oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 18:25 |
| S221 | 106 | (US-20020028197-\$ or US-20020004089-\$ or US-20070141209-\$ or US-20090123597-\$ or US-20070166437-\$ or US-20070141211-\$ or US-20060110494-\$ or US-20060029712-\$ or US-20040009262-\$ or US-20090270346-\$ or US-20090074916-\$ or US-20030104020-\$ or US-20030108489-\$ or US-20050272922-\$ or US-20050281773-\$ or US-20060039934-\$ or US-20080195037-\$ or US-20090291912-\$ or US-20030203084-\$ or US-20020110620-\$ or US-20070082094-\$ or US-20050202149-\$ or US-20020187221-\$ or US-20030224090-\$ or US-20040009285-\$ or US-20030215545-\$).did. or (US-20030228333-\$ or US-20040037940-\$ or US-20040069158-\$ or US-20050089602-\$ or US-20050287259-\$ or US-20070140995-\$ or US-20100047320-\$ or US-20080305531-\$ or US-20060110521-\$ or US-20050129830-\$).did. or (US-4661359-\$ or US-3998974-\$ or US-5374441-\$ or US-7297359-\$ or US-7052729-\$ or US-7325613-\$ or US-7067116-\$ or US-4373096-\$ or US-6358889-\$ or US-6291404-\$ or US-4906488-\$ or US-6306835-\$ or US-6413920-\$ or US-6638918-\$ or US-4424346-\$ or US-7288532-\$ or US-5554445-\$ or US-5077052-\$ or US-5376388-\$ or US-5429832-\$ or US-5616339-\$ or US-5571527-\$ or US-5089307-\$ or US-5633025-\$ or US-5322935-\$ or US-7182971-\$).did. or (US-7160569-\$ or US-5008254-\$ or US-7008661-\$ or US-5888515-\$ or US-6346236-\$ or US-7744856-\$ or US-7410663-\$ or US-5545414-\$ or US-6755904-\$ or US-7163673-\$ or US-6472006-\$ or US-7226629-\$ or US-4915971-\$ or US-6723358-\$ or US-5489442-\$).did. or (US-2040880-\$ or US-2909435-\$ or US-3707383-\$ or US-2005184-\$).did. or (EP-328317-\$ or GB-2272447-\$ or FR-2817870-\$). | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/07/08 18:24 |

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|------|--------|--|----------------------------|----|-----|---------------------|
| | | did. or (JP-05168401-\$ or JP-08193002-\$).did. or (WO-2004083256-\$ or CN-101214228-\$ or WO-0011038-\$ or JP-07039356-\$ or WO-2004056204-\$ or US-5008254-\$ or JP-07039355-\$ or WO-0052092-\$ or WO-02071870-\$ or WO-03000041-\$ or WO-2004017746-\$ or US-20070140995-\$ or WO-0040098-\$ or JP-59173048-\$ or JP-62236477-\$ or JP-06105660-\$ or EP-736258-\$ or EP-808580-\$ or EP-909824-\$).did. | | | | |
| S220 | 102 | S217 and S219 | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 18:10 |
| S219 | 990460 | (acylglycerol\$1 or acyl\$1glycerol\$1 or glyceride\$1 or glycerides or diglycerides or triglycerides or fat oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat) | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 18:10 |
| S218 | 105 | S216 and S217 | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 18:04 |
| S217 | 392 | ((film barrier coating) near20 (pectin)) and pectin | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 18:04 |
| S216 | 993697 | (acylglycerol\$1 or acyl\$1glycerol\$1 or glyceride\$1 or glycerides or diglycerides or triglycerides or fat oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat or (glycerol\$1 near20 (fatty near1 acid))) | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 18:03 |
| S215 | 2 | S214 and pectin | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:49 |
| S214 | 35 | ("1853151" "2068081" "2084062" "2133404" "2755189" "2909435" "2984572" "3368909" "3453118" "3516836" "3726693" "3997674" "4344971" "4649057" "4696824").PN. OR ("4946694").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:49 |
| S213 | 1 | ("4,671,963" "4,880,646" "4,915,971" "5,130,151").pn. and pectin | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:35 |
| S212 | 42 | S211 not S209 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:33 |
| S211 | 93 | ((film barrier coating) near20 (pectin)) same (S192)) and "426".das. and pectin | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:33 |
| S210 | 11 | S209 not S202 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:25 |
| S209 | 51 | ((film barrier coating) near20 (pectin)) same (S192)) and S207 and pectin | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:25 |
| S207 | 8642 | (426/99,103,112,138,139,573,577,601,602,89,302).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/08 17:24 |
| S206 | 0 | S205 and pectin | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:22 |
| S205 | 2 | ("4,915,971" "4,880,646").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:22 |
| S204 | 0 | ("4,915,971" "4,880,646").pn. and pectin | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:22 |
| S203 | 0 | ("3707383").URPN. | USPAT | OR | ON | 2010/07/08 17:20 |
| S202 | 40 | ((film barrier coating) near20 (pectin)) same (S192)) and S191 and pectin | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:10 |
| S201 | 40 | ((film barrier coating) near20 (pectin)) same (S192)) and S191 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:09 |
| S200 | 2 | S199 and pectin | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:07 |
| S199 | 35 | ("1853151" "2068081" "2084062" "2133404" "2755189" "2909435" "2984572" "3368909" "3453118" "3516836" "3726693" "3997674" "4344971" "4649057" "4696824").PN. OR ("4946694").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:07 |
| S198 | 2 | S197 and pectin | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 17:06 |
| S197 | 14 | ("2909435").URPN. | USPAT | OR | ON | 2010/07/08 17:06 |
| S196 | 87 | ((film barrier coating) same (pectin) same (S192)) and S191 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 16:51 |
| S194 | 614 | S191 and S193 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 16:48 |
| S193 | 21292 | (film barrier coating) and (pectin) and (S192) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 16:47 |

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|------|---------|--|----------------------------|----|-----|---------------------|
| S192 | 1639388 | (acylglycerol\$1 or acyl\$1glycerol\$1 or glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat or (glycerol\$1 near20 (fatty near1 acid))) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 16:47 |
| S191 | 7063 | (426/99,103,112,138,139,573,577,601,602).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/08 16:46 |
| S190 | 26 | (food\$7 edible\$1 comestible) same (barrier\$1 coat\$4) same (moisture hydrophobic) same (pectin chitosan) and (oil near20 (sunflower coconut rapeseed olive peanut)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 16:07 |
| S189 | 1 | "4925677".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 15:36 |
| S188 | 1 | "5374441".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 15:36 |
| S187 | 1 | "20020028197" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 15:30 |
| S186 | 1 | "0040098" | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 15:27 |
| S185 | 58 | S183 and S184 | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 14:05 |
| S184 | 656396 | (pectin or (sugar near2 beet near2 pectin) or (chitosan same vanillin) or saccharide\$1 or polysaccharide\$1 or poly\$1saccharide\$1) or (film near2 form\$4) | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 14:04 |
| S183 | 421 | S181 and S182 | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 14:04 |
| S182 | 1634 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) ferulyl\$4 feruloyl\$4 ferulat\$4 | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 14:04 |
| S181 | 993697 | (acylglycerol\$1 or acyl\$1glycerol\$1 or glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat or (glycerol\$1 near20 (fatty near1 acid))) | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 14:04 |
| S180 | 125 | (S168 near40 S172) and S168 and S172 and (film barrier) and (food\$7 edible\$1 eat comestible\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 11:49 |
| S179 | 125 | (S168 near40 S172) and (film barrier) and (food\$7 edible\$1 eat comestible\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 11:48 |
| S178 | 196 | (S168 near40 S172) and (film barrier) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 11:47 |
| S177 | 1 | "7744856".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 11:02 |
| S176 | 1 | "4638801".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 11:00 |
| S175 | 3 | S174 not S167 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 10:25 |
| S174 | 235 | S173 not S163 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 10:24 |
| S173 | 406 | (S168 same S172) and S165 and S168 and S159 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 10:24 |
| S172 | 1639388 | (acylglycerol\$1 or acyl\$1glycerol\$1 or glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat or (glycerol\$1 near20 (fatty near1 acid))) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 10:22 |
| S170 | 1 | "6346236".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:56 |
| S169 | 400 | (S168 same S159) and S165 and S168 and S159 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:38 |
| S168 | 4375 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) ferulyl\$4 feruloyl\$4 ferulat\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:38 |
| S167 | 232 | S166 not S163 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:36 |
| S166 | 400 | (S157 same S159) and S165 and S157 and S159 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:35 |
| S165 | 173035 | (pectin or (sugar near2 beet near2 pectin) or (chitosan same vanillin) or saccharide\$1 or polysaccharide\$1 or poly\$1saccharide\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:35 |

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|------|---------|--|----------------------------|----|----|---------------------|
| S164 | 4 | S163 not S160 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:34 |
| S163 | 172 | (S157 same S162) and S156 and S157 and S162 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:34 |
| S162 | 1639388 | (acylglycerol\$1 or glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat or (glycerol\$1 near20 (fatty near1 acid))) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:33 |
| S160 | 168 | (S157 same S159) and S156 and S157 and S159 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:29 |
| S159 | 1639391 | (glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat or (glycerol\$1 near30 (fatty near1 acid))) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:29 |
| S157 | 4375 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) ferulyl\$4 feruloyl\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:25 |
| S156 | 42449 | (pectin or (sugar near2 beet near2 pectin) or (chitosan same vanillin)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/08 09:25 |
| S154 | 5 | "2005063057" | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 09:16 |
| S153 | 2 | "05063057" | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/08 09:16 |
| S152 | 167 | (S150 same S142) and S116 and S150 and S142 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 17:44 |
| S151 | 324 | (S150 same S140) and S116 and S150 and S140 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 17:43 |
| S150 | 4366 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) ferulyl\$4 feruloyl\$4 ferulat\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 17:43 |
| S149 | 27 | S148 and S146 and S130 | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/07 17:42 |
| S148 | 1634 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) ferulyl\$4 feruloyl\$4 ferulat\$2 | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/07 17:42 |
| S146 | 993767 | (glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat or (glycerol\$1 near40 (fatty near1 acid))) | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/07 17:36 |
| S144 | 0 | S143 not S137 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 17:33 |
| S143 | 167 | (S136 same S142) and S116 and S136 and S142 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 17:33 |
| S142 | 1638561 | (glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat or (glycerol\$1 near30 (fatty near1 acid))) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 17:32 |
| S141 | 324 | (S136 same S140) and S116 and S136 and S140 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 17:14 |
| S140 | 1766153 | (glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat or glycerol\$1 or (fatty near1 acid)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 17:14 |
| S138 | 23 | S137 not S127 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 17:04 |
| S137 | 167 | (S136 same S111) and S116 and S136 and S111 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 17:04 |
| S136 | 4366 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) ferulyl\$4 feruloyl\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 17:03 |
| S135 | 1 | "5008254".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 16:50 |
| S134 | 54 | S128 and (food\$7 edible eat comestible\$1 "426".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 16:33 |
| S133 | 25 | S129 and S130 and S131 | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/07 16:32 |

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|------|---------|--|-------------------------|----|----|------------------|
| S131 | 990382 | (glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat) | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/07 16:31 |
| S130 | 12900 | (pectin or (sugar near2 beet near2 pectin) or (chitosan same vanillin)) | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/07 16:31 |
| S129 | 1535 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/07 16:31 |
| S128 | 92 | S117 not S127 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 16:31 |
| S127 | 144 | S113 and S126 and S111 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 12:47 |
| S126 | 4178 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl near group\$1) or (hydroxy adj1 methoxy adj1 cinnamyl adj1 group\$1) or (\$3hydroxy\$3methoxy\$3cinnamyl\$8) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 12:47 |
| S119 | 4166 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate ferulate\$1 (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 10:19 |
| S117 | 236 | (S115 same S111) and S116 and S115 and S111 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 10:01 |
| S116 | 42391 | (pectin or (sugar near2 beet near2 pectin) or (chitosan same vanillin)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 10:01 |
| S115 | 4839 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate oryzanol (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 10:00 |
| S114 | 144 | S113 and S110 and S111 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 09:58 |
| S113 | 144 | S112 and (pectin or (sugar near2 beet near2 pectin) or (chitosan same vanillin)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 09:54 |
| S112 | 699 | S110 same S111 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 09:54 |
| S111 | 1636110 | (glyceride\$1 or glycerides or diglycerides or triglycerides or oil or (oil near20 (sunflower coconut rapeseed olive peanut rose)) or butter or fat) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 09:53 |
| S110 | 3947 | feruoylated feruoylate ferulic ferulyolate ferulyolated feruloylate feruloylate (4-hydroxy-3-methoxy-cinnamyl) or (hydroxy near methoxy near cinnamyl) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/07 09:48 |
| S109 | 59 | S108 and ("426".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/06 18:05 |
| S108 | 718 | S106 same S107 and (chitosan pectin) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/06 18:04 |
| S107 | 1818664 | ((lipid\$1 oil\$1 fat\$1 fatty glyceride\$1 (mono\$1glyceride\$1) (di\$1glyceride\$1) (tri\$1glyceride\$1) ((mono di tri) near1 glyceride\$1)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/06 18:04 |
| S106 | 3956 | (ferulic ferulyolat\$4 feruloylat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/06 18:03 |
| S105 | 11 | "9201394" | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/07/06 15:21 |
| S104 | 20 | "4672034" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/06 15:19 |
| S103 | 1 | 10/583421 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/06 15:16 |

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